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## TRANSMITTAL LETTER TO THE UNITED STATES

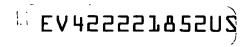
ATTORNEY'S DOCKET NUMBER

|   | D   | ECIONATED/ELECTED OF  | 7146.0329   |  |  |  |  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|--|--|--|--|
| (   |   | ESIGNATED/ELECTED OF<br>CERNING A SUBMISSION  | U.S. APPLICATION NO. (If known, see 37 GFR 1.5), 60/441,583 |  |  |  |  |  |  |  |  |  |
|   |   | IONAL APPLICATION NO.   | INTERNATIONAL FILING DATE                                   | PRIORITY DATE CLAIMED                          |  |  |  |  |  |  |  |  |
| PCT/US2004/001640 21 Jan 2004 21 Jan 2003  TITLE OF INVENTION IMAGE COMPRESSION USING A COLOR VISUAL MODEL                      |   |   |   |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Xiaó-fan Feng, Scott Daly, Shawmin Lei, Renjit Tom Thomas   |   |   |   |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |   |   |  |  |  |  |  |  |  |  |  |
| 1.  | . Mathematical This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. |   |   |  |  |  |  |  |  |  |  |  |
| 2.  |   | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |  |  |
| 3.  |   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |  |  |  |  |  |  |  |  |  |
| 4.  | ⊠ T   | The US has been elected (Article 31).   |   |  |  |  |  |  |  |  |  |  |
| 5.  | $\boxtimes$   | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |  |  |  |  |
|   |   | a. is attached hereto (required only if not communicated by the International Bureau).  |   |  |  |  |  |  |  |  |  |  |
|   |   | b. has been communicated by the International Bureau.   |   |  |  |  |  |  |  |  |  |  |
|   |   | c. 🗵 is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |  |  |  |  |  |  |  |  |  |
| 6.  | $\boxtimes$   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |  |  |  |  |
|   |   | a.  is attached hereto.   |   |  |  |  |  |  |  |  |  |  |
|   |   | b. 🛮 has been previously submitte   | ed under 35 U.S.C. 154(d)(4).                               |  |  |  |  |  |  |  |  |  |
| 7.  | $\boxtimes$   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |  |  |  |  |  |  |  |  |  |
|   |   | a.  are attached hereto (required only if not communicated by the International Bureau).  |   |  |  |  |  |  |  |  |  |  |
|   |   | b.  have been communicated by the International Bureau.   |   |  |  |  |  |  |  |  |  |  |
|   |   | c.  have not been made; however   | er, the time limit for making such amendmer                 | nts has NOT expired.                           |  |  |  |  |  |  |  |  |
|   |   | d. A have not been made and will  | not be made.  |  |  |  |  |  |  |  |  |  |
| 8.  |   | An English language translation of the  | amendments to the claims under PCT Artic                    | ns under PCT Article 19 (35 U.S.C. 371(c)(3)). |  |  |  |  |  |  |  |  |
| 9   | $\boxtimes$   | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |  |  |  |
| 10.   |   | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |   |  |  |  |  |  |  |  |  |  |
|   | Items   | s 11 to 20 below concern document(s) or information included:   |   |  |  |  |  |  |  |  |  |  |
| 11.   | $\boxtimes$   | An Information Disclosure Statement   | under 37 CFR 1.97 and 1.98.                                 |  |  |  |  |  |  |  |  |  |
| 12.   | $\boxtimes$   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |  |  |  |  |  |  |  |  |  |
| 13.   |   | A preliminary amendment.  |   |  |  |  |  |  |  |  |  |  |
| 14.   |   | An Application Data Sheet under 37 CFR 1.76.  |   |  |  |  |  |  |  |  |  |  |
| 15.   |   | A substitute specification.   |   |  |  |  |  |  |  |  |  |  |
| 16.   | $\boxtimes$   | A power of attorney and/or change of address letter.  |   |  |  |  |  |  |  |  |  |  |
| 17.   |   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.   |   |  |  |  |  |  |  |  |  |  |
| 18.   |   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |  |  |
| 19.   |   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

20.

Other items or information:





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| U.S. APPLIC   | TION NO. (IF) nown Gee y   | (T)                                  |   | INTERNATIONAL APPLICATION NO. |                                      | ATTORNEY'S DOCKET NUMBER  |       |  |  |
|---|--|--------------------------------------|---|-------------------------------|--------------------------------------|---------------------------|-------|--|--|
| 41 / 11   | 60/441,583   |                                      | 004/00  | 1640                          | 7146.0329  CALCULATIONS PTO USE ONLY |                           |       |  |  |
|   | fees are submitted:  |                                      | \$ 300  | PIO USE UNLT                  |                                      |                           |       |  |  |
| 22. Examinat If international prelin PCT Article 33(              |  | \$ 100                               |   |                               |                                      |                           |       |  |  |
| 23. Search fee  |  |                                      |   |                               |                                      |                           |       |  |  |
| Search fee (37 CFR 1<br>International S<br>International Search F | .445(a)(2) has been paid of Searching Authority  | \$ 100                               |   |                               |                                      |                           |       |  |  |
|   | TOTAL OF 21, 22 a  |                                      |   |                               |                                      | \$ 500                    |       |  |  |
| listing or comp   | for specification and drawir<br>outer program listing filed in<br>sheets of paper or fraction to |                                      |   |                               |                                      |                           |       |  |  |
| Total Sheets  | Extra sheets   |                                      | mber of each additional 50 or frac<br>hereof (round up to a whole num                 |                               | RATE                                 |                           |       |  |  |
| - 100 =   | 0/50 =   | _                                    |   |                               | x \$250                              | \$0                       |       |  |  |
| Surcharge of \$130.0 claimed priority date                        | 0 for furnishing the oath or (37 CFR 1.492(e)).  | \$                                   |   |                               |                                      |                           |       |  |  |
| CLAIMS  | NUMBER FILE  | ED                                   | NUMBER EXTRA  |                               | RATE                                 | \$                        |       |  |  |
| Total claims  | 25   | - 20 =                               | 5   | х                             | \$50                                 | \$ 250                    |       |  |  |
| Independent clair   | ns 3   | -3=                                  | 0   | ¥                             | \$200                                | \$0                       |       |  |  |
|   | IDENT CLAIM(S) (if applica   |                                      | + \$360   |                               | \$                                   |                           |       |  |  |
| WOETH CE DEFEN  | ioeiti oetim(o) (ii appilo   |                                      |   |                               |                                      |                           |       |  |  |
| - Ann Provided at   |  | \$ 750                               |   |                               |                                      |                           |       |  |  |
| Applicant clai  | ms small entity status. See  |                                      | \$  |                               |                                      |                           |       |  |  |
|   |  |                                      |   |                               | SUBTOTAL =                           | \$                        |       |  |  |
| Processing fee of \$1 claimed priority date                       | 30.00 for furnishing the En<br>(37 CFR 1.492(f)).  | \$                                   |   |                               |                                      |                           |       |  |  |
|   |  |                                      |   |                               | ATIONAL FEE =                        | \$ 750                    |       |  |  |
| Fee for recording the<br>by an appropriate co                     | e enclosed assignment (37<br>over sheet (37 CFR 3.28, 3.   | CFR 1.21(h)<br>31). <b>\$40.00</b> j | ). The assignment must be accomper property   | npanied                       | +                                    | \$ 40                     |       |  |  |
|   |  |                                      | TOT   | AL FEE                        | S ENCLOSED =                         | \$ 790                    |       |  |  |
|   |  |                                      |   |                               |                                      | Amount to be refunded:    | \$    |  |  |
|   |  | .=                                   |   |                               |                                      | Amount to be<br>charged:  | \$    |  |  |
| a. 🛭 A check  | in the amount of \$ 790.0  | 00                                   | to cover the above  | fees is                       | enclosed.                            |                           |       |  |  |
|   |  |                                      |   |                               |                                      |                           |       |  |  |
| c. 🛛 The Co   | mmissioner is hereby author  | orized to cha                        | rge any additional fees which may   | y be req                      | uired, or credit any                 | y overpayment to Deposi   | t     |  |  |
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| NOTE: Where an ap   |  | r 37 CFR 1.4                         | information and authorization on<br>195 has not been met, a petition<br>ending status |                               |                                      | (a) or (b)) must be filed |       |  |  |
| SEND ALL CORRES   | • •  |                                      |   |                               |                                      |                           |       |  |  |
| Kevin L. Russell  |  |                                      |   |                               | SIGNATURE                            |                           |       |  |  |
| Chernoff, Vilhauer, A   | AcClung & Stenzel  |                                      |   | Kevin L. Russell              |                                      |                           |       |  |  |
| 601 SW 2 <sup>rd</sup> Ave.; 30                                   | ite 1600   | NAME<br>38,292                       |   |                               |                                      |                           |       |  |  |
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January 21, 2004

I hereby certify that the patent application attached hereto entitled IMAGE COMPRESSION USING A COLOR VISUAL MODEL, Xiao-Fan Feng, et al., inventors, together with the required fees, is being deposited with the United States Postal Service "Express Mail to Addressee" on the date indicated above and is addressed to: MAIL STOP PCT, Commissioner for Patents, P.O. BOX 1450, Alexandria, Virginia 22313-1450

Dwight Bergquist-Moody